UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/808,910	03/24/2004	John Armstrong	EFIM0228	8041

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EXAMINER
RUBIN, BLAKE J

ART UNIT	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _6/8/08_.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-10,15-24 and 29-38_ is/are pending in the application.

 4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-10,15-24 and 29-38_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _08 June 2008_ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

 a)☐ All b)☐ Some * c)☐ None of:

 1.☐ Certified copies of the priority documents have been received.

 2.☐ Certified copies of the priority documents have been received in Application No. _____.

 3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

 * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO/SB/08)
 Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

DETAILED ACTION

1.   This action is in response to communications filed June 8, 2008.

2.   Claims 1-10, 15-24, and 29-38 are pending in this application. Claims 1, 15 and

29 are currently amended. Claims 11-14, 25-28, and 39-42 are cancelled.

Specification

1.   The disclosure is objected to because the following reference character(s) not

mentioned in the description: Figures 7, 10, & 12's characters "16", "18", & "28". In

Figures 7, 10, & 12, characters "18" & "28" are not described in the specification in

relation to the objects displayed in the figure.

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4.   Claims 1-10, 15-24, and 29-38 are rejected under 35 U.S.C. 102(e) as being

anticipated by Teo et al (U.S. Patent No. 7,293,077), hereinafter Teo.

5.   With respect to claim 1, Teo discloses a system comprising:

a first network device (column 6, lines 25-29) coupled to a first network (column

6, lines 20-24, *VLAN*), the first network coupled to a second network (column 2, lines

21-25, whereby the first network is mentioned above, and the second network is the

internet), the first network device comprising a source address of the first network

device on the second network (column 11, lines 10-21); and

a directory server (column 3, lines 54-61; whereby the router contains a routing

table, thereby making it capable of "registering controlling access to information about

network devices coupled to a first network" as disclosed in the specification) coupled to

a third network coupled to the second network (column 8, lines 38-49; column 1, lines

18-19; Figure 7, *configurable routers*; whereby the pair of root nodes form a third

network for which the directory server is connected to, since each root node can be

considered a network by itself), the directory server adapted to register the source

address (column 7, lines 33-44, whereby the "routing table entries" contain and register

the source address).

6.   With respect to claim 2, Teo discloses the system of claim 1, wherein the first

network device comprises one of a computer, personal digital assistant, pager, cellular

telephone, handheld messaging device, facsimile machine, copier, printer, telephone,

security camera, household appliance, vending machine, kiosk, or digital camera

(column 16, lines 41-46).

7.   With respect to claim 3, Teo discloses the system of claim 1, wherein the first

network device comprises one of an inkjet printer, laser printer, wide format printer, or

dot matrix printer (column 16, lines 35-46).

8.   With respect to claim 4, Teo discloses the system of claim 1, wherein the first

network device comprises an Internet protocol telephone (column 4, line 6; column 13,

lines 24-25).

9.   With respect to claim 5, Teo discloses the system of claim 1, wherein the first

network device comprises a network connection for coupling to the first network (column

5, lines 15-18; Figure 1).

10.   With respect to claim 6, Teo discloses the system of claim 1, wherein the first

network comprises a local area network (column 2, lines 52-59, whereby it is inherently

known in the art that a private network is an implemented of a local area network;

column 6, lines 20-24).

11.   With respect to claim 7, Teo discloses the system of claim 1, wherein the first

network comprises a plurality of interconnected networks (column 2, lines 29-33).

12.   With respect to claim 8, Teo discloses the system of claim 1, wherein the second

network comprises any of a wide area network, global network, public network, or the

Internet (column 2, lines 21-24).

13.   With respect to claim 9, Teo discloses the system of claim 1, wherein the first

network comprises a firewall, and the first network device is located within the firewall

(column 15, lines 35-42).

14.   With respect to claim 10, Teo discloses the system of claim 1, wherein the first

network comprises a firewall (column 15, lines 35-42), and the directory server is

located outside the firewall.

15.   With respect to claim 15, Teo discloses a system comprising:

        first and second network devices (column 6, lines 25-29) coupled to a first

network (column 6, lines 20-24, *VLAN*), the first network coupled to a second network

(column 2, lines 21-25, whereby the first network is mentioned above, and the second

network is the internet), the first network device comprising a first source address of the

second network device on the second network (column 6, lines 35-47), the second

network device comprising a second source address of the second network device on

the second network (column 6, lines 35-47); and

        a directory server (column 3, lines 54-61; whereby the router contains a routing

table, thereby making it capable of "registering controlling access to information about

network devices coupled to a first network" as disclosed in the specification) coupled to

a third network coupled to the second network (column 8, lines 38-49; column 1, lines

18-19; Figure 7, *configurable routers*; whereby the pair of root nodes form a third

network for which the directory server is connected to, since each root node can be

considered a network by itself), the directory server adapted to register the first and

second source address (column 7, lines 33-44, whereby the "routing table entries" are

contain, and register the source address).

16.   With respect to claim 16, Teo discloses the system of claim 15, wherein the first

and second network devices each comprise one of a computer, personal digital

assistant, pager, cellular telephone, handheld messaging device, facsimile machine,

copier, printer, telephone, security camera, household appliance, vending machine,

kiosk, or digital camera (column 16, lines 41-46).

17.   With respect to claim 17, Teo discloses the system of claim 15, wherein the first

network device comprises a computer and the second network device comprises one of

an inkjet printer, laser printer, wide format printer, or dot matrix printer (column 16, lines

35-46).

18.   With respect to claim 18, Teo discloses the system of claim 15, wherein the first

network device comprises a computer and the second network device comprises an

Internet protocol telephone (column 4, line 6; column 13, lines 24-25).

19.   With respect to claim 19, Teo discloses the system of claim 15, wherein the first

and second network devices each comprise a network connection for coupling to the

first network (column 5, lines 15-18; Figure 1).

20.   With respect to claim 20, Teo discloses the system of claim 15, wherein the first

network comprises a local area network (column 2, lines 52-59, whereby it is inherently

known in the art that a private network is an implemented of a local area network;

column 6, lines 20-24).

21.   With respect to claim 21, Teo discloses the system of claim 15, wherein the first

network comprises a plurality of interconnected networks (column 2, lines 29-33).

22.   With respect to claim 22, Teo discloses the system of claim 15, wherein the

second network comprises any of a wide area network, global network, public network,

or the Internet (column 2, lines 21-24).

23.   With respect to claim 23, Teo discloses the system of claim 15, wherein the first

network comprises a firewall, and the first and second network devices are located

within the firewall (column 15, lines 35-42).

24.   With respect to claim 24, Teo discloses the system of claim 15, wherein the first

network comprises a firewall (column 15, lines 35-42), and the directory server is

located outside the firewall.

25.   With respect to claim 29, Teo discloses a system comprising:

        first and second network devices (column 6, lines 25-29) coupled to a first

network (VLAN, column 6, lines 20-24), the first network coupled to a second network

(column 2, lines 21-25, whereby the first network is mentioned above, and the second

network is the internet), the first network device comprising a first source address of the

first network device on the second network (column 6, lines 35-47), the second

computer device comprising a second source address of the second network device on

the second network (column 6, lines 35-47); and

        a directory server (column 3, lines 54-61; whereby the router contains a routing

table, thereby making it capable of "registering controlling access to information about

network devices coupled to a first network" as disclosed in the specification) coupled to

a third network couple to the second network (column 8, lines 38-49; column 1, lines 18-

19; Figure 7, *configurable routers*; whereby the pair of root nodes form a third network

for which the directory server is connected to, since each root node can be considered a

network by itself), the directory server adapted to register the first and second source

addresses (column 7, lines 33-44, whereby the "routing table entries" are contain, and

register the source address), and adapted to process requests for source addresses

about registered network devices (column 10, lines 53-65).

26.   With respect to claim 30, Teo discloses the system of claim 29, wherein the first

and second network devices each comprise one of a computer, personal digital

assistant, pager, cellular telephone, handheld messaging device, facsimile machine,

copier, printer, telephone, security camera, household appliance, vending machine,

kiosk, or digital camera (column 16, lines 41-46).

27.   With respect to claim 31, Teo discloses the system of claim 29, wherein the first

network device comprises a computer and the second network device comprises one of

an inkjet printer, laser printer, wide format printer, or dot matrix printer (column 16, lines

35-46).

28.   With respect to claim 32, Teo discloses the system of claim 29, wherein the first

network device comprises a computer (column 16, lines 41-46) and the second network

device comprises an Internet protocol telephone (column 4, line 6; column 13, lines 24-

25).

29.   With respect to claim 33, Teo discloses the system of claim 29, wherein the first

and second network devices each comprise a network connection for coupling to the

first network (column 5, lines 15-18; Figure 1).

30.   With respect to claim 34, Teo discloses the system of claim 29, wherein the first

network comprises a local area network (column 2, lines 52-59, whereby it is inherently

known in the art that a private network is an implemented of a local area network;

column 6, lines 20-24).

31.   With respect to claim 35, Teo discloses the system of claim 29, wherein the first

network comprises a plurality of interconnected networks (column 2, lines 29-33).

32.   With respect to claim 36, Teo discloses the system of claim 29, wherein the

second network comprises any of a wide area network, global network, public network,

or the Internet (column 2, lines 21-24).

33.   With respect to claim 37, Teo discloses the system of claim 29, wherein the first

network comprises a firewall, and the first and second network devices are located

within the firewall (column 15, lines 35-42).

34.   With respect to claim 38, Teo discloses the system of claim 29, wherein the first

network comprises a firewall, and the directory server is located outside the firewall

(column 15, lines 35-42).

Response to Arguments

35.   Applicant's arguments with respect to claim 1-10, 15-24, and 29-38 have been

considered but are moot in view of the new ground(s) of rejection.

Conclusion

36.   Applicant's amendment necessitated the new ground(s) of rejection presented in

this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37

CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the date of this final action.

37.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to BLAKE RUBIN whose telephone number is (571) 270-

3802. The examiner can normally be reached on M-R: 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

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For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

BJR

/Ario Etienne/
Supervisory Patent Examiner, Art Unit 2157